

# INFORMATION DISCLOSURE STATEMENT FOR PATENT

(Use several sheets if necessary)

<b>TRADEMARK</b> <b>24XK1</b>	<b>09/950,041</b>
<b>APPLICANT:</b> <b>HARDIMAN, et al.</b>	
<b>FILING DATE:</b> <b>September 10, 2001</b>	<b>GROUP:</b> <b>1653</b>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

FH	AN	I.R. Gibbons, <i>et al.</i> , <u>Proc. Natl. Acad. Sci. USA</u> , 88:8563-8567, October 1991. "A PCR procedure to determine the sequence of large polypeptides by rapid walking through a cDNA library"
FH	AO	Thomas J. Gonda and Richard J. D'Andrea, <u>Blood</u> , 89(2):355-369. "Activating Mutations in Cytokine Receptors: Implications for Receptor Function and Role in Disease"
FH	AP	Gary Hardiman, <i>et al.</i> , <u>Oncogene</u> , 13:2467-2475, 1996. "Molecular characterization and modular analysis of human <i>MyD88</i> "
3/31/04 FH	AQ	M. Hibi, <i>et al.</i> , <u>GenBank</u> , Accession No.M57230, January 5, 1995. Definition: "Human membrane glycoprotein gp130 mRNA, complete cds."
	AR	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.AA042999, May 10, 1997. Definition: "zk56c03.r1 Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:486820 5', mRNA sequence."
	AS	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.AA707766, December 24, 1997. Definition: "zh24d04.s1 Soares_pineal_gland_N3HPG Homo sapiens cDNA clone IMAGE:412999 3', mRNA sequence."
	AT	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.AA005049, 09-MAY-1997. Definition: "zh96c04.r1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:429126 5', mRNA sequence"
	AU	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.H48602, 15-SEP-1995. Definition: "yq80b01.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:202057 5' similar to SP:TOLL_DROME P08953 TOLL PROTEIN ;, mRNA sequence"
	AV	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.N41021, 22-JAN-1996. Definition: "yy53b03.s1 Soares_multiple_sclerosis_2NbHMSP Homo sapiens cDNA clone IMAGE:277229 3', mRNA sequence"
	AW	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.R76150, 06-JUN-1995. Definition: "yi71d02.r1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:144675 5', mRNA sequence"
3/31/04	AX	L. Hillier, <i>et al.</i> , <u>GenBank</u> , Accession No.T60365, 13-FEB-1995. Definition: "yb90h06.r1 Stratagene liver (#937224) Homo sapiens cDNA clone IMAGE:78491 5', mRNA sequence"
FH	AY	Dan Hultmark, <u>Nature</u> , 367:116-117, January 13, 1994. "Ancient relationships"
	AZ	A.D. Larsen, <u>GenBank</u> , Accession No.X55721, February 6, 1991. Definition: "Human mRNA coding for granulocyte colony stimulating factor receptor 25-1."
FH	BA	Bruno Lemaitre, <i>et al.</i> , <u>Cell</u> , 86:973-983, September 20, 1996. "The Dorsoventral Regulatory Gene Cassette <i>spätzle/Toll/cactus</i> Controls the Potent Antifungal Response in <i>Drosophila</i> Adults"

<b>EXAMINER</b> <b>Rona H. and</b>	<b>DATE CONSIDERED</b> <b>7/21/03</b>
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>INFORMATION DISCLOSURE STATEMENT FOR PATENT</b> (Use several sheets if necessary)		APPLICATION NO. <b>DX0724XK1</b>	PUBLICATION NO. <b>09/950,041</b>
		APPLICANT: <b>HARDIMAN, et al.</b>	
		FILING DATE: <b>September 10, 2001</b>	GROUP: <b>1647</b> <del>4653</del>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
3/31/04 FH	BB	Patrick Lemaire and Laurent Kodjabachian, <u>Trends in Genetics</u> , 12(12):525-531, December 1996. "The vertebrate organizer: structure and molecules"	
↓	BC	Mark A. Lemmon and Joseph Schlessinger, <u>TIBS</u> , 19:459-463, November 1994. "Regulation of signal transduction and signal diversity by receptor oligomerization"	
3/31/04 FH	BD	M. Marra, et al., <u>GenBank</u> , Accession No. AA266744, 21-MAR-1997. Definition: "mz93d07.r1 Soares mouse lymph node NbMLN Mus musculus cDNA clone IMAGE:720973 5', mRNA sequence."	
3/31/04 FH	BE	M. Marra, et al., <u>GenBank</u> , Accession No. AA288480, 04-APR-1997. Definition: "vb16a09.r1 Soares mouse 3NbMS Mus musculus cDNA clone IMAGE:749080 5', mRNA sequence."	
3/31/04 FH	BF	R. Medzhitov, et al., <u>GenBank</u> , Accession No. U93091, 30-NOV-1998. Definition: "Human Toll protein homolog mRNA, complete cds and LINE-1 reverse transcriptase homolog, pseudogene"	
FH	BG	Ruslan Medzhitov, et al., <u>Nature</u> , 388:394-397, July 24, 1997. "A human homologue of the Drosophila Toll protein signals activation of adaptive immunity"	
FH	BH	Donald Morisato & Kathryn V. Anderson, <u>Annu. Rev. Genetics</u> , 29:371-399, 1995. "SIGNALING PATHWAYS THAT ESTABLISH THE DORSAL-VENTRAL PATTERN OF THE DROSOPHILA EMBRYO"	
3/31/04 FH	BI	D. Muzny, et al., <u>GenBank</u> , Accession No. AC003046, AC002362, AC002363, 06-JAN-1998. Definition: "Homo sapiens Xp22 PACs RPC11-263P4 and RPC11-164K3 complete sequence."	
↓	BJ	NCI-CGAP, <u>GenBank</u> , Accession No. AA740990, 07-FEB-1998. Definition: "nz05g01.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1286928 3' similar to TR:Q15399 Q15399 ORF, COMPLETE CDS. ;, mRNA sequence."	
↓	BK	NCI-CGAP, <u>GenBank</u> , Accession No. AA741118, 07-FEB-1998. Definition: "nz04f11.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1286829 3', mRNA sequence."	
3/31/04 FH	BL	NCI-CGAP, <u>GenBank</u> , Accession No. AA252405, 13-AUG-1997. Definition: "zs12e09.r1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:685000 5', mRNA sequence."	
↓	BM	Nobuo Nomura, et al., <u>DNA Research</u> 1:27-35, 1994. "Prediction of the Coding Sequences of Unidentified Human Genes. I. The Coding Sequences of 40 New Genes (KIA A0001-KIA A0040) Deduced by Analysis of Randomly Sampled cDNA Clones from Human Immature Myeloid Cell Line KG-1"	
	BN	N. Nomura, <u>GenBank</u> , Accession No. D13637, 10-JUL-1997. Definition: "Human mRNA for KIAA0012 gene, complete cds."	
EXAMINER [Signature]		DATE CONSIDERED 7/28/03	
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1647  
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FH	AA	5,853,977	Dalie et al.	<del>X</del>		

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
FH	AB	WO 98/02557	PCT	<del>X</del>	<del>X</del>	X
	AC	WO 98/50547	PCT	<del>X</del>	<del>X</del>	X
	AD	WO 99/20756	PCT	<del>X</del>	<del>X</del>	X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

3/31/04 FH	AE	M.D. Adams, et al., GenBank, Accession No. AA381849, April 21, 1997. Definition: "EST94973 Activated T-cells I Homo sapiens cDNA 5' end similar to similar to H. sapiens hypothetical protein (GP:D13637_1), mRNA sequence."
FH	AF	Mark D. Adams, et al., Nature, 377:3-17, September 28, 1995. "Initial assessment of human gene diversity and expression patterns based upon 83 million nucleotides of cDNA sequence"
	AG	James W. Baumgartner, et al., J. Biological Chemistry, 269(46):29094-29101, 1994. "The Role of the WSXWS Equivalent Motif in Growth Hormone Receptor Function"
	AH	Marcia P. Belvin, et al., Annu. Rev. Cell Dev. Biol., 12:393-416, 1996. "A CONSERVED SIGNALING PATHWAY: The Drosophila Toll-Dorsal Pathway"
	AI	Irwin M. Chaiken and William V. Williams, TIBTECH, 14:369-375, 1996. "Identifying structure-function relationships in four-helix bundle cytokines: towards de novo mimetics design"
	AJ	Charles A. Dinarello, Blood, 87(6):2095-2147, March 15, 1996. "Biologic Basis for Interleukin-1 in Disease"
	AK	Charles A. Dinarello, Blood, 77(8):1627-1652, April 15, 1991. "Interleukin-1 and Interleukin-1 Antagonism"
	AL	Charles A. Dinarello, The FASEB Journal, 8:1314-1325, December 1994. "The interleukin-1 family: 10 years of discovery"
	AM	David G. George, et al., Macromolecular Sequencing and Synthesis Selected Methods and Applications, Ch 12, pp 127-149, 1988. "Current Methods in Sequence Comparison and Analysis"

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FH

BO

Haruki Okamura, et al., Nature, 378:88-91, November 2, 1995.  
"Cloning of a new cytokine that induces IFN- $\gamma$  production by T cells"

FH

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K. Okubo, GenBank, Accession No. C01399, 23-JUL-1996.  
Definition: "HUMGS0008381 Human adult (K. Okubo) Homo sapiens cDNA, mRNA" sequence."

FH

BQ

Jay D. Parker, et al., Nucleic Acids Research, 19(11):3055-3060, June 11, 1991.  
"Targeted gene walking polymerase chain reaction"

FH

BR

D.H. Presky, et al., GenBank, Accession No. U64198, November 26, 1996.  
Definition: "Human IL-12 receptor beta2 mRNA, complete cds."

FH

BS

Fernando L. Rock, et al., Proc. Natl. Acad. Sci. USA, 95:588-593, January 1998.  
"A family of human receptors structurally related to *Drosophila* Toll"

BT

Marco Rosetto, et al., Biochem. Biophys. Res. Com., 209(1):111-116, April 6, 1995.  
"SIGNALS FROM THE IL-1 RECEPTOR HOMOLOG, TOLL, CAN ACTIVATE AN IMMUNE RESPONSE IN *DROSOPHILA* HEMOCYTE CELL LINE"

BU

J. Sambrook, et al., Molecular Cloning, 2<sup>nd</sup>., Volume 3:Chapter 17, Cold Spring Harbor Laboratory Press, 1989. "Expression of Cloned Genes in *Escherichia coli*"

BV

Venkatakrishna Shyamala and Giovanna Ferro-Luzzi Ames, GENE, 84:1-8, 1989.  
"Genome walking by single-specific-primer polymerase chain reaction: SSP-PCR"

BW

P. Verhasselt, et al., DNA Sequence - J. DNA Sequencing and Mapping, 2:281-287, 1992. "DNA sequencing by a subcloning-walking strategy using a specific and semi-random primer in the polymerase chain reaction"

BX

Yanshu Wang, et al., J. Biological Chemistry, 271(8):4468-4476, February 23, 1996.  
"A Large Family of Putative Transmembrane Receptors Homologous to the Product of the *Drosophila* Tissue Polarity Gene *frizzled*"

BY

Steven A. Wasserman, Molecular Biology of the Cell, 4:767-771, August 1993.  
"A Conserved Signal Transduction Pathway Regulating the Activity of the *rel* like Proteins Dorsal and NF- $\kappa$ B"

BZ

Iain Wilson, et al., Current Biology, 7(3):R175-R178, 1997.  
"Signaling pathways: A common theme in plants and animals?"

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*[Signature]*

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